

Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE HURON				
PORT SANILAC TO PORT HURON MI COUNTY --- 3.5 S LEXINGTON [43.22, -82.53]				
	07/10/13 14:04 EST	0		Marine Hail (0.88 in)
	07/10/13 14:04 EST	0		Source: Trained Spotter
A thunderstorm produced nickel sized hail at the Great Lake Beach.				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	07/19/13 13:50 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/19/13 13:50 EST	0		Source: C-MAN Station
PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 0.3 NW HARBOR BEACH [43.85, -82.64]				
	07/19/13 14:06 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	07/19/13 14:06 EST	0		Source: ASOS
PORT SANILAC TO PORT HURON MI COUNTY --- 0.9 SE PORT SANILAC [43.42, -82.54]				
	07/19/13 14:50 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/19/13 14:50 EST	0		Source: ASOS
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	07/19/13 17:10 EST	0		Marine Thunderstorm Wind (MG 48 kt)
	07/19/13 17:10 EST	0		Source: C-MAN Station
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	07/19/13 17:20 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	07/19/13 17:20 EST	0		Source: C-MAN Station
HARBOR BEACH TO PORT SANILAC MI COUNTY --- 1.5 NNE HARBOR BEACH [43.85, -82.64]				
	07/19/13 18:30 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/19/13 18:30 EST	0		Source: ASOS
PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 0.3 NW HARBOR BEACH [43.85, -82.64]				
	07/19/13 18:30 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/19/13 18:30 EST	0		Source: ASOS
Several strong thunderstorms tracked through Saginaw Bay and Southern Lake Huron.				
LAKE ST CLAIR				
ST CLAIR RIVER COUNTY --- 0.5 W MARINE CITY [42.72, -82.49]				
	07/08/13 15:40 EST	0		Marine Thunderstorm Wind (EG 52 kt)
	07/08/13 15:40 EST	0		Source: Broadcast Media
A thunderstorm which blew down a large tree over Marine City moved into the St. Clair River.				
A severe thunderstorm moved into the St. Clair River.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	07/18/13 17:03 EST	0		Marine Thunderstorm Wind (EG 35 kt)
	07/18/13 17:03 EST	0		Source: NWS Employee
An NWS employee estimated a 40 mph thunderstorm wind gust.				
A thunderstorm produced an estimated 40 mph wind gust over Lake St. Clair Metropark.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST CLAIR RIVER COUNTY --- 1.0 SSW ALGONAC [42.61, -82.54]				
	07/19/13 17:40 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/19/13 17:40 EST		0	Source: Trained Spotter
A thunderstorm which blew down a tree moved across the Lake St. Clair River.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 0.2 ENE ST CLAIR SHORES [42.47, -82.88]				
	07/19/13 17:50 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/19/13 17:50 EST		0	Source: C-MAN Station
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 4.2 N ST CLAIR SHORES [42.53, -82.87]				
	07/19/13 23:30 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/19/13 23:30 EST		0	Source: Trained Spotter
A thunderstorm which blew down tree limbs move into Lake St. Clair.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.7 SW NEW BALTIMORE [42.61, -82.82]				
	07/19/13 23:33 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	07/19/13 23:33 EST		0	Source: ASOS
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 13.0 ENE NEW BALTIMORE [42.72, -82.48]				
	07/19/13 23:35 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	07/19/13 23:35 EST		0	Source: Trained Spotter
A thunderstorm which blew down a small tree moved into St. Clair River.				
A few strong to severe thunderstorms moved through Lake St. Clair.				
MICHIGAN, East				
OAKLAND COUNTY --- 2.1 N WHITE LAKE [42.71, -83.55]				
	07/08/13 13:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/08/13 13:35 EST		0	Source: NWS Employee
A 6 inch diameter tree snapped in half.				
ST. CLAIR COUNTY --- 0.5 W MARINE CITY [42.72, -82.49]				
	07/08/13 15:40 EST		0	Thunderstorm Wind (EG 52 kt)
	07/08/13 15:40 EST		0	Source: Broadcast Media
A large tree was reported blown down.				
An isolated severe storms developed near Davisburg and Marine City.				
WASHTENAW COUNTY --- 2.6 SW SALINE [42.14, -83.80]				
	07/10/13 12:52 EST		0	Thunderstorm Wind (EG 56 kt)
	07/10/13 12:52 EST		0	Source: 911 Call Center
Numerous reports of trees blown down and blocking roads.				
WASHTENAW COUNTY --- 3.4 WNW SALINE [42.19, -83.83]				
	07/10/13 13:00 EST		0	Hail (0.75 in)
	07/10/13 13:00 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 1.5 SSW RAWSONVILLE [42.20, -83.56]				
	07/10/13 13:14 EST		0	Thunderstorm Wind (EG 50 kt)
	07/10/13 13:14 EST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Four 6 to 10 inch tree limbs reported down.				
WASHTENAW COUNTY --- YPSILANTI [42.23, -83.62]				
	07/10/13 13:17 EST		0	Hail (0.75 in)
	07/10/13 13:17 EST		0	Source: Trained Spotter
SANILAC COUNTY --- GREAT LAKES BEACH [43.22, -82.53]				
	07/10/13 14:04 EST		0	Hail (0.88 in)
	07/10/13 14:04 EST		0	Source: Trained Spotter
A cold front triggered a few strong to severe thunderstorms.				
(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE				
	07/14/13 12:00 EST		0	Heat
	07/19/13 21:00 EST	173	0	
A six day heat impacted Southeast Michigan July 14th through the 19th with high temperatures ranging from the upper 80s to mid 90s. Heat Indices were in the 90s for the most part, but Detroit Metro area hospitals reported an increase of 173 heat related illnesses during this stretch. Here are the daily maxes reported at Flint Bishop Airport and Detroit Metro Airport during the six days. Flint: 90, 93, 94, 95, 95, 96. Detroit: 89, 93, 90, 94, 94, 95.				
MACOMB COUNTY --- 3.2 SW MT VERNON [42.69, -83.12], 0.5 SE WASHINGTON [42.71, -83.02], 1.1 SW (MTC)MT CLEMENS/SELF [42.59, -82.84], 1.9 NNW CADY [42.58, -82.99]				
	07/15/13 18:30 EST		0	Flash Flood (due to Heavy Rain)
	07/15/13 21:00 EST		0	Source: Trained Spotter
Up to 3 inches of rain falling in about an hour lead to water covered roads, up to a foot.				
MIDLAND COUNTY --- 0.9 SE MIDLAND BARSTOW ARPT [43.66, -84.26]				
	07/19/13 13:14 EST		0	Thunderstorm Wind (MG 50 kt)
	07/19/13 13:14 EST		0	Source: AWOS
BAY COUNTY --- 1.5 SSE AUBURN [43.58, -84.06]				
	07/19/13 13:21 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 13:21 EST		0	Source: Trained Spotter
Large tree limbs reported down.				
BAY COUNTY --- 0.9 SW BAY CITY [43.59, -83.89]				
	07/19/13 13:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 13:25 EST		0	Source: Trained Spotter
Numerous six inch diamter tree limbs reported down.				
BAY COUNTY --- 1.5 NNE BAY CITY MUNI ARPT [43.57, -83.89]				
	07/19/13 13:29 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 13:29 EST		0	Source: Trained Spotter
Large tree limbs reported down.				
BAY COUNTY --- 1.5 SSW BAY CITY [43.58, -83.89]				
	07/19/13 13:32 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 13:32 EST		0	Source: Trained Spotter
A spotter estimated a 60 mph thunderstorm wind gust.				
BAY COUNTY --- 0.9 SW BAY CITY [43.59, -83.89]				

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	07/19/13 13:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 13:35 EST		0	Source: Trained Spotter
Several small trees blow down.				
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BAY COUNTY --- 1.0 E BAY CITY [43.60, -83.86]	07/19/13 13:40 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/19/13 13:40 EST		0	Source: Trained Spotter
Very large tree branches blown down, damaging a home.				
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BAY COUNTY --- 2.3 NNW BAY CITY MUNI ARPT [43.58, -83.92]	07/19/13 13:40 EST		3K	Thunderstorm Wind (EG 56 kt)
	07/19/13 13:40 EST		0	Source: Trained Spotter
Multiple large trees and power lines down.				
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BAY COUNTY --- 3.6 SSE APLIN BEACH [43.57, -83.76]	07/19/13 13:43 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 13:43 EST		0	Source: Public
A large tree was reported down.				
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BAY COUNTY --- 4.4 SSE APLIN BEACH [43.56, -83.75]	07/19/13 13:46 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 13:46 EST		0	Source: Social Media
A 50 foot tree was reported down.				
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TUSCOLA COUNTY --- UNIONVILLE [43.65, -83.47]	07/19/13 13:52 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/19/13 13:52 EST		0	Source: Emergency Manager
Trees and power lines reporte down.				
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SAGINAW COUNTY --- 3.8 NNW (MBS)TRI CITY APT SA [43.58, -84.11]	07/19/13 14:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 14:00 EST		0	Source: Trained Spotter
Five to six inch diameter tree limbs reported down.				
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HURON COUNTY --- 1.7 SW POPPLE [43.75, -83.12]	07/19/13 14:08 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 14:08 EST		0	Source: 911 Call Center
A barn collapsed.				
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TUSCOLA COUNTY --- 0.7 N CARO [43.49, -83.40]	07/19/13 14:10 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/19/13 14:10 EST		0	Source: Emergency Manager
Trees and power lines reported down.				
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TUSCOLA COUNTY --- 0.9 SE DEFORD [43.51, -83.19]	07/19/13 14:11 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/19/13 14:11 EST		0	Source: Emergency Manager
Trees and power lines reported down.				
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SANILAC COUNTY --- 0.5 W DECKERVILLE [43.53, -82.74]	07/19/13 14:38 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/19/13 14:38 EST		0	Source: 911 Call Center

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Trees and power lines down.				
ST. CLAIR COUNTY --- 1.5 W YALE [43.13, -82.81]				
	07/19/13 15:45 EST		0	Thunderstorm Wind (EG 56 kt)
	07/19/13 15:45 EST		0	Source: Trained Spotter
Numerous trees reported down.				
ST. CLAIR COUNTY --- 1.0 W BROCKWAY [43.07, -82.77]				
	07/19/13 15:50 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/19/13 15:50 EST		0	Source: 911 Call Center
Trees and power lines reported down.				
LIVINGSTON COUNTY --- 2.1 NNE DEERFIELD CENTER [42.76, -83.84]				
	07/19/13 16:11 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 16:11 EST		0	Source: Trained Spotter
A tree was blown onto a house.				
LIVINGSTON COUNTY --- 2.1 SE DEERFIELD CENTER [42.71, -83.82]				
	07/19/13 16:24 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 16:24 EST		0	Source: Trained Spotter
A tree was reported blown down.				
OAKLAND COUNTY --- (PTK)PONTIAC ARPT [42.67, -83.42]				
	07/19/13 16:39 EST		0	Thunderstorm Wind (MG 52 kt)
	07/19/13 16:39 EST		0	Source: ASOS
OAKLAND COUNTY --- 0.5 W WATERFORD [42.70, -83.41]				
	07/19/13 16:40 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 16:40 EST		0	Source: Social Media
A large tree was reported blown down.				
LIVINGSTON COUNTY --- 0.7 N HARTLAND [42.66, -83.75]				
	07/19/13 16:43 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 16:43 EST		0	Source: Trained Spotter
Multiple 10 to 18 inch diameter tree limbs reported down.				
LIVINGSTON COUNTY --- 0.7 N HARTLAND [42.66, -83.75]				
	07/19/13 16:45 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 16:45 EST		0	Source: Social Media
A 65 foot tree was reported blown down.				
OAKLAND COUNTY --- 2.1 NE ORCHARD LAKE VLG [42.57, -83.30]				
	07/19/13 16:52 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 16:52 EST		0	Source: Trained Spotter
A 12 inch diameter tree was reported blown down.				
OAKLAND COUNTY --- 0.7 S OXBOW [42.62, -83.47]				
	07/19/13 16:55 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 16:55 EST		0	Source: Trained Spotter
Several 8 to 10 inch diameter tree limbs reported down.				
OAKLAND COUNTY --- 1.7 NE HUNTINGTON WOODS [42.50, -83.10]				

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	07/19/13 17:00 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 17:00 EST		0	Source: Trained Spotter
Two large trees were reported blown down.				
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OAKLAND COUNTY --- 1.7 WSW BROOKLANDS [42.62, -83.13]				
	07/19/13 17:00 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 17:00 EST		0	Source: Public
Numerous trees reported down.				
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OAKLAND COUNTY --- 2.6 ESE EAST HIGHLAND [42.64, -83.52]				
	07/19/13 17:00 EST		0	Hail (1.00 in)
	07/19/13 17:00 EST		0	Source: NWS Employee
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OAKLAND COUNTY --- 1.2 SW CLAWSON [42.52, -83.15]				
	07/19/13 17:01 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 17:01 EST		0	Source: Trained Spotter
A 1 foot diameter tree was snapped.				
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OAKLAND COUNTY --- 1.0 E BERKLEY [42.50, -83.15]				
	07/19/13 17:02 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 17:02 EST		0	Source: Trained Spotter
Numerous trees were uprooted with power outages reported.				
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MACOMB COUNTY --- 1.5 W WARREN [42.52, -83.03]				
	07/19/13 17:13 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 17:13 EST		0	Source: Trained Spotter
Numerous trees reported down.				
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MACOMB COUNTY --- 3.4 WSW STERLING HGTS [42.55, -83.09]				
	07/19/13 17:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 17:25 EST		0	Source: Trained Spotter
Numerous large tree branches reported down.				
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OAKLAND COUNTY --- 3.3 NW COMMERCE [42.61, -83.53]				
	07/19/13 17:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 17:30 EST		0	Source: NWS Employee
A large oak tree snapped. A 15 inch diameter dead tree was also downed.				
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MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]				
	07/19/13 17:31 EST		0	Thunderstorm Wind (MG 55 kt)
	07/19/13 17:31 EST		0	Source: Trained Spotter
A weak tree was snapped. Several power outages reported.				
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ST. CLAIR COUNTY --- 0.9 SW ALGONAC [42.61, -82.54]				
	07/19/13 17:40 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 17:40 EST		0	Source: Trained Spotter
A 1 foot in diameter tree was reported down.				
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ST. CLAIR COUNTY --- 0.9 NW PORT HURON [42.99, -82.43]				
	07/19/13 17:43 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 17:43 EST		0	Source: Trained Spotter
Trees reported blown down.				

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OAKLAND COUNTY --- 2.1 SE TROT BIG BEAVER ARPT [42.55, -83.09]	07/19/13 18:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 18:15 EST		0	Source: Trained Spotter
	Small trees and large tree limbs blown down.			
HURON COUNTY --- 1.4 N HARBOR BEACH [43.85, -82.65]	07/19/13 18:24 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 18:24 EST		0	Source: Trained Spotter
	A 1 foot diameter tree was snapped in half.			
LIVINGSTON COUNTY --- 2.6 ESE BRIGHTON [42.52, -83.72]	07/19/13 18:49 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 18:49 EST		0	Source: Trained Spotter
	Small trees reported down.			
OAKLAND COUNTY --- 1.7 SW SYLVAN LAKE [42.60, -83.30]	07/19/13 19:25 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 19:25 EST		0	Source: Trained Spotter
	Six to twelve inch diameter trees were reported down, along with large tree limbs.			
LENAWEE COUNTY --- 0.9 NW TECUMSEH [42.01, -83.94]	07/19/13 19:45 EST		3K	Thunderstorm Wind (EG 54 kt)
	07/19/13 19:45 EST		0	Source: 911 Call Center
	Multiple trees and powerlines down.			
WAYNE COUNTY --- 2.6 NW HIGHLAND PARK [42.43, -83.20]	07/19/13 19:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 19:50 EST		0	Source: Social Media
	A large tree was reported blown down onto a house.			
LENAWEE COUNTY --- CLINTON [42.07, -83.97]	07/19/13 20:00 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 20:00 EST		0	Source: 911 Call Center
	Trees reported down.			
WASHTENAW COUNTY --- 2.1 NNW YORK [42.13, -83.74]	07/19/13 20:07 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 20:07 EST		0	Source: Emergency Manager
	A tree was reported down.			
MONROE COUNTY --- 1.2 SE MILAN [42.07, -83.65]	07/19/13 20:08 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 20:08 EST		0	Source: Trained Spotter
	Trees were reported down.			
LENAWEE COUNTY --- MACON [42.07, -83.87]	07/19/13 20:09 EST		3K	Thunderstorm Wind (EG 54 kt)
	07/19/13 20:09 EST		0	Source: 911 Call Center
	Trees and powerlines reported down.			
WAYNE COUNTY --- 2.1 NNW WOODHAVEN [42.15, -83.26]				

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	07/19/13 20:26 EST		0	Hail (0.75 in)
	07/19/13 20:26 EST		0	Source: Trained Spotter
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WASHTENAW COUNTY --- 2.6 ESE BENTON [42.11, -83.80]				
	07/19/13 20:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 20:35 EST		0	Source: 911 Call Center
A 1 foot diameter tree reported down.				
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MIDLAND COUNTY --- MIDLAND [43.62, -84.23]				
	07/19/13 21:22 EST		0	Thunderstorm Wind (EG 54 kt)
	07/19/13 21:22 EST		0	Source: 911 Call Center
Trees reported down.				
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LIVINGSTON COUNTY --- HAMBURG [42.45, -83.80]				
	07/19/13 22:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 22:30 EST		0	Source: 911 Call Center
Several reports of large tree branches down.				
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MACOMB COUNTY --- 1.2 SE MT VERNON [42.72, -83.06]				
	07/19/13 23:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/19/13 23:30 EST		0	Source: Trained Spotter
An 8 inch tree limb reported down, along with power lines.				
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MACOMB COUNTY --- 2.6 NE ROSEVILLE [42.53, -82.87]				
	07/19/13 23:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 23:30 EST		0	Source: Trained Spotter
Tree limbs reported down.				
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ST. CLAIR COUNTY --- MARINE CITY [42.72, -82.48]				
	07/19/13 23:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 23:35 EST		0	Source: Trained Spotter
A small tree was blown down.				
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LAPEER COUNTY --- 1.2 NE LAKE NEPESSING [43.03, -83.36]				
	07/19/13 23:42 EST		0	Hail (0.75 in)
	07/19/13 23:42 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]				
	07/19/13 23:47 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/19/13 23:47 EST		0	Source: Trained Spotter
Trees and power lines reported down.				
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WASHTENAW COUNTY --- 0.5 E WILLOW RUN [42.25, -83.56]				
	07/19/13 23:49 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 23:49 EST		0	Source: Trained Spotter
Spotter estimated a 58 mph thunderstorm wind gust.				
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WASHTENAW COUNTY --- 1.0 SSW ANN ARBOR [42.27, -83.74]				
	07/19/13 23:49 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/13 23:49 EST		0	Source: Trained Spotter
Six inch diameter tree limbs reported down.				

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WASHTENAW COUNTY --- 3.6 W WORDEN [42.37, -83.70]				
	07/19/13 23:50 EST		0	Thunderstorm Wind (EG 56 kt)
	07/19/13 23:50 EST		0	Source: 911 Call Center
Trees reported down.				
LENAWEE COUNTY --- 0.7 N HUDSON [41.86, -84.35]				
	07/20/13 00:30 EST		0	Thunderstorm Wind (EG 54 kt)
	07/20/13 00:30 EST		0	Source: 911 Call Center
Several trees down around Hudson, along with power lines.				
MONROE COUNTY --- 0.9 SE MONROE CUSTER ARPT [41.92, -83.42]				
	07/20/13 00:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/20/13 00:50 EST		0	Source: Trained Spotter
Eight to 10 inch diameter tree branch snapped and fell onto a car.				
Relief from a 6 day Heat Wave came in the form of a slow moving cold front, which triggered multiple rounds of severe thunderstorms across Southeast Michigan during the afternoon and evening hours of July 19th.				
LAPEER COUNTY --- LAPEER [43.05, -83.32]				
	07/23/13 13:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/13 13:00 EST		0	Source: Emergency Manager
Power lines reported down.				
OAKLAND COUNTY --- 0.5 W ORTONVILLE [42.85, -83.44]				
	07/23/13 13:00 EST		0	Thunderstorm Wind (EG 54 kt)
	07/23/13 13:00 EST		0	Source: Trained Spotter
A few trees and numerous large tree branches reported down.				
ST. CLAIR COUNTY --- 1.0 W ALLENTON [42.92, -82.95]				
	07/23/13 13:13 EST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 13:13 EST		0	Source: Broadcast Media
A 30 foot camper rolled over due to strong winds.				
MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]				
	07/23/13 14:00 EST		0	Hail (1.00 in)
	07/23/13 14:00 EST		0	Source: Public
A cold front trigged a few severe thunderstorms along the M-59 corridor.				
(MI-Z076) WAYNE				
	07/23/13 19:00 EST		0	Heat
	07/23/13 22:00 EST		0	
A 5 year old boy died of hyperthermia, after he climbed into an unlocked car. The outside temperatures was only in the lower 70s.				
WASHTENAW COUNTY --- 1.5 NNW SHARON HOLLOW [42.20, -84.11]				
	07/27/13 15:35 EST		0	Hail (1.00 in)
	07/27/13 15:35 EST		0	Source: Trained Spotter
A thunderstorm produced 1 inch diameter hail near Manchester.				